

09746044 054104
TOT 50 4T094260

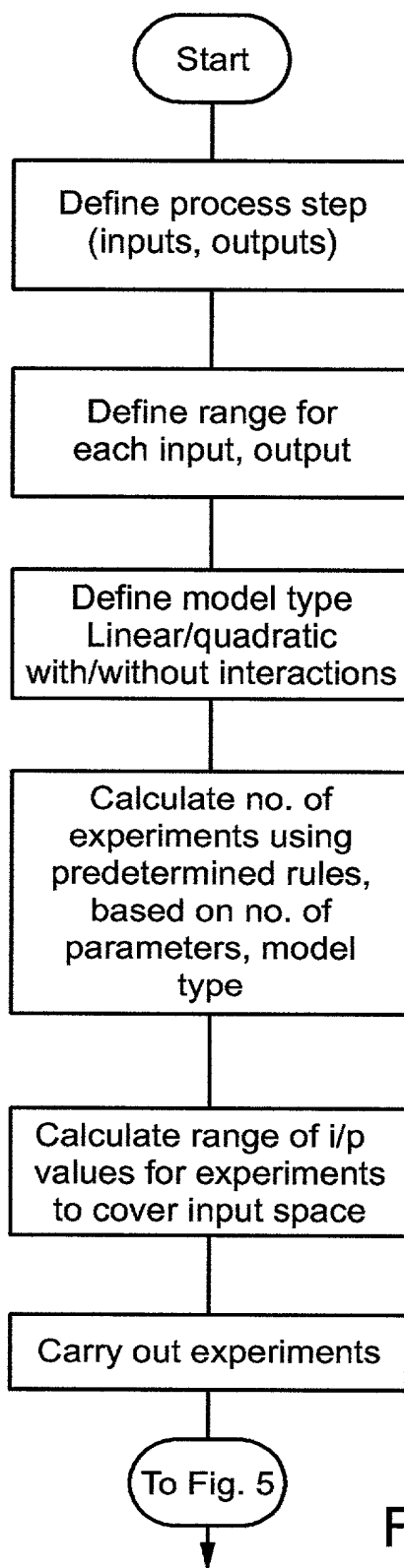


Fig. 1

09746014-054301

Process Definition - [Fab\Process 1\Default\Area\mod\step1]

Step Definition

Step ID: 56

Step name: 003

Time out interval: 11

Tool

Create input file

Transformations

Module control

DOE

Hide step details

DOE options

Input List

Input Name	Input Type	Units Type	Lower Limit	Upper Limit	Weight
meas1	Measurable	micron			1
score1	Location	micron			1

Output List

Output Name	Units Type	Lower Limit	Upper Limit	Weight	Range	DOE Model
out1	micron			1	500	<input checked="" type="checkbox"/>
out2	Angstrom			1	100	<input checked="" type="checkbox"/>

Properties

Process: Process 1

Product: [Default]

Module: Area

Tool: mod1

Step: step1

Parameter:

Step duplicate

OK

Cancel

Fig. 2

DOE Options

Please select model :

Linear model (without interactions)

Linear model with interactions

Quadratic model (without interactions)

Quadratic model with interactions

Experiments

☒ 18 experiments

This is a central composite design in which the factorial portion is resolution IV design. None of the main effects are aliased with any other main effect or two-factor interaction. Two-factor interactions are aliased with each other.

Cancel

OK

Fig. 3

09746014.051101
T0T50"4T09460

DOE Table

Select from File list:

	Pad Life2	Thickness Out	Polish time2	Platen Speed2	Thick Out2	Unifor-3mm	Uniformity-2
8	84000.00	8000.00	75.00	145.00			
9	0.	7000.00	63.00	110.00			
10	84000.00	7000.00	63.00	110.00			
11	42000.00	6000.00	63.00	110.00			
12	42000.00	8000.00	63.00	110.00			
13	42000.00	7000.00	50.00	110.00			
14	42000.00	7000.00	75.00	110.00			
15	42000.00	7000.00	63.00	75.00			
16	42000.00	7000.00	63.00	145.00			
17	42000.00	7000.00	63.00	110.00			
18	42000.00	7000.00	63.00	110.00			

Delete row Print Save Reg Analyze

Fig. 4

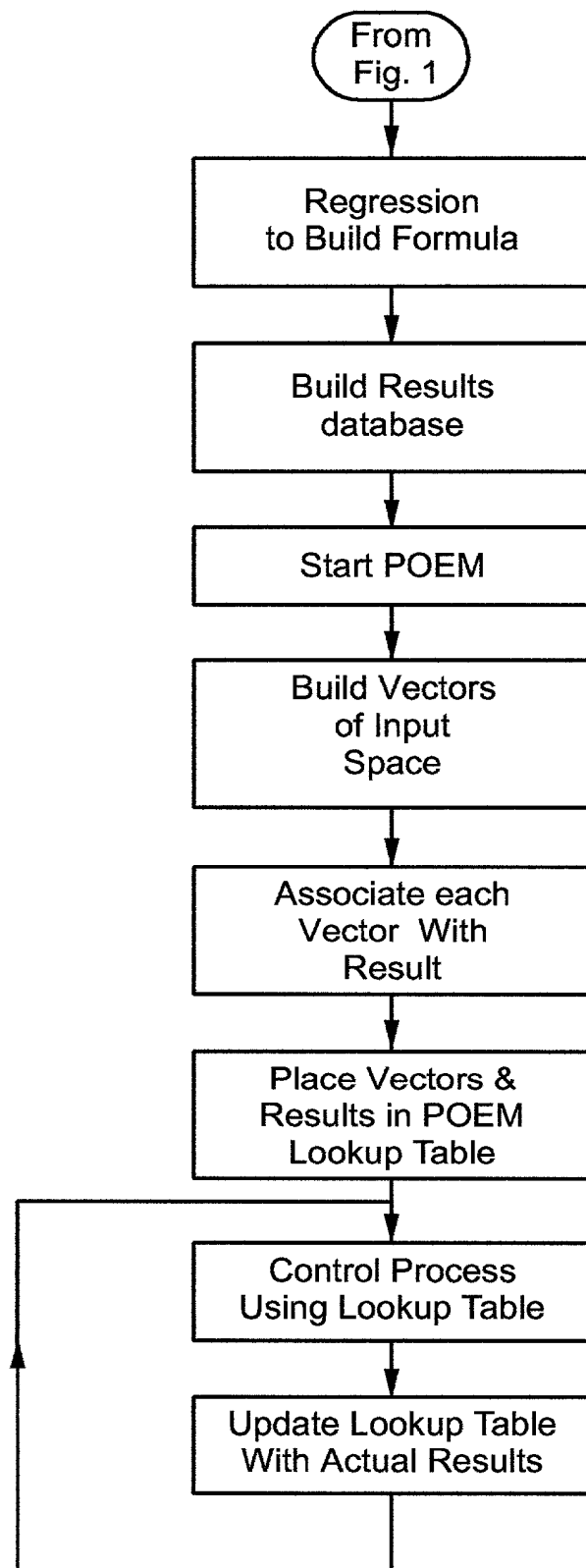


Fig. 5

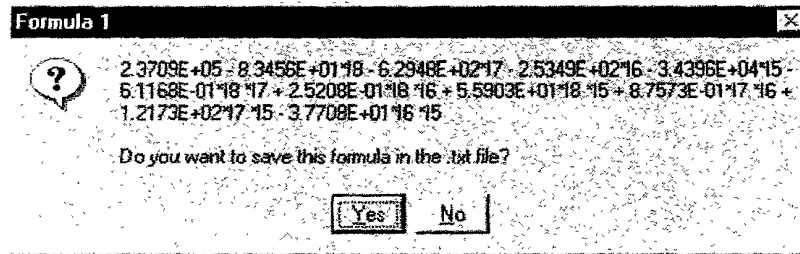


Fig. 6

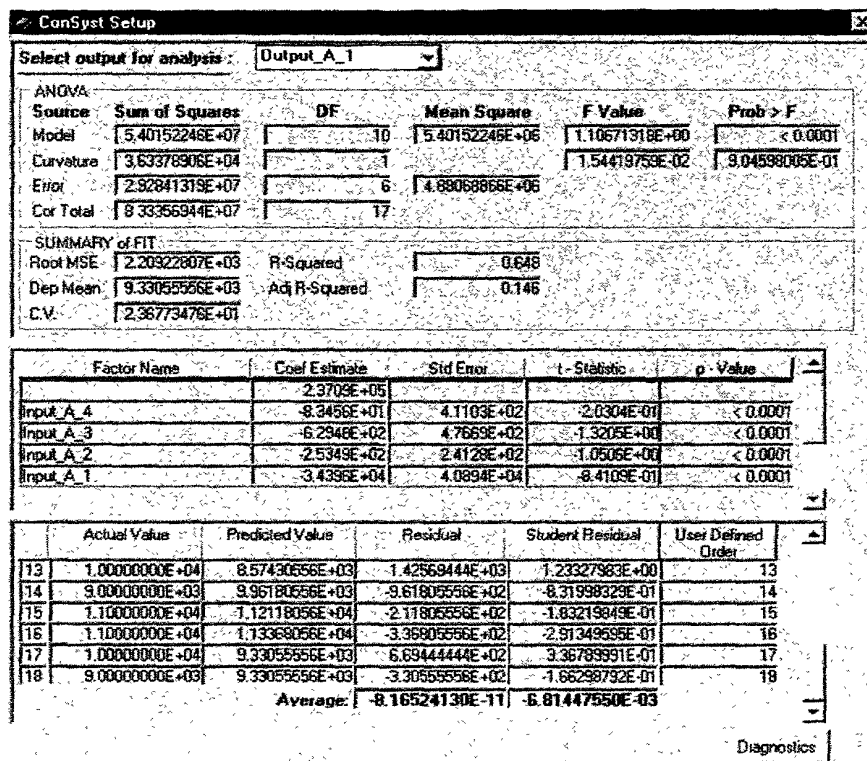


Fig. 7

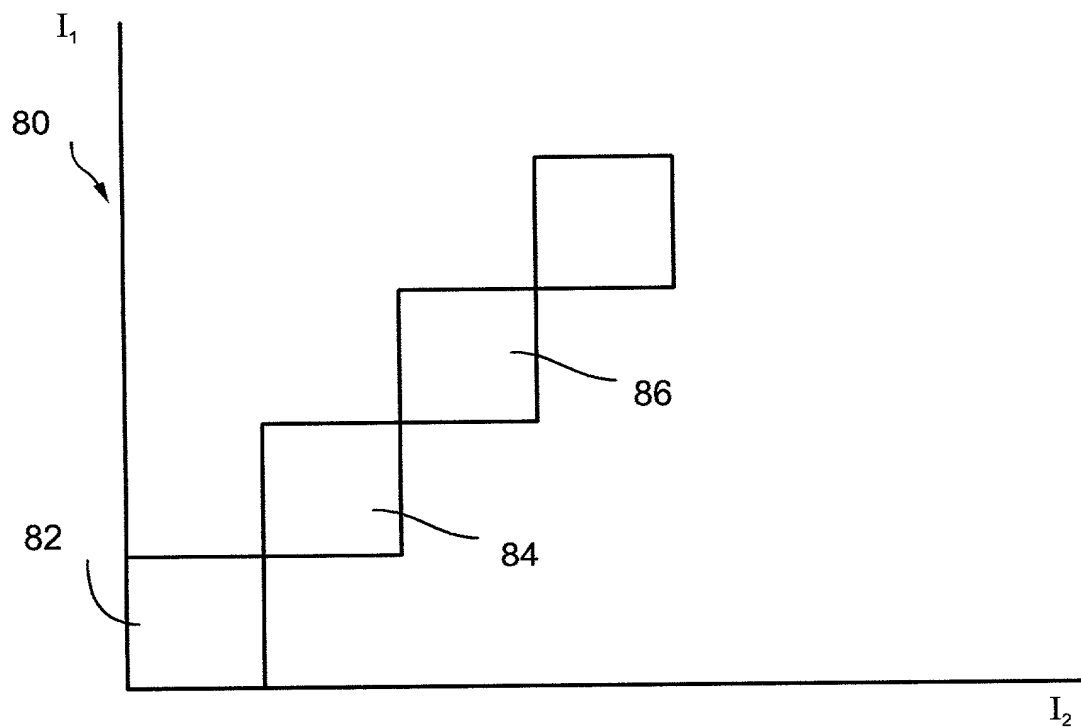


Fig. 8

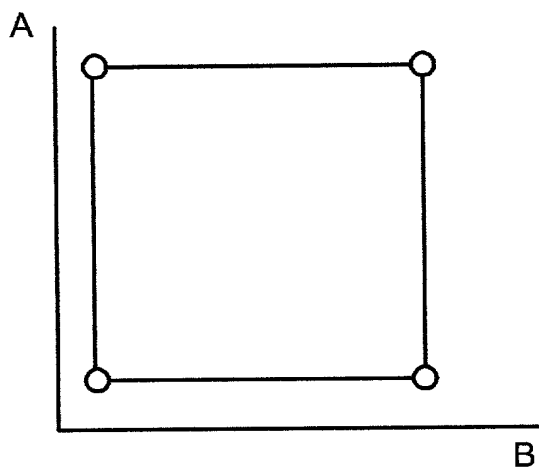


Fig. 9

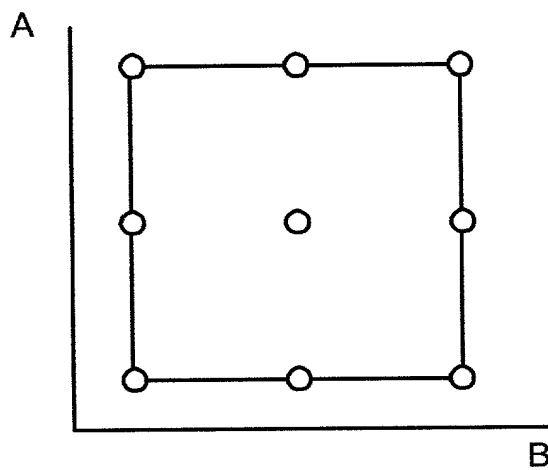


Fig. 10

09746014.054104
T0150"4T094250

Fig. 11

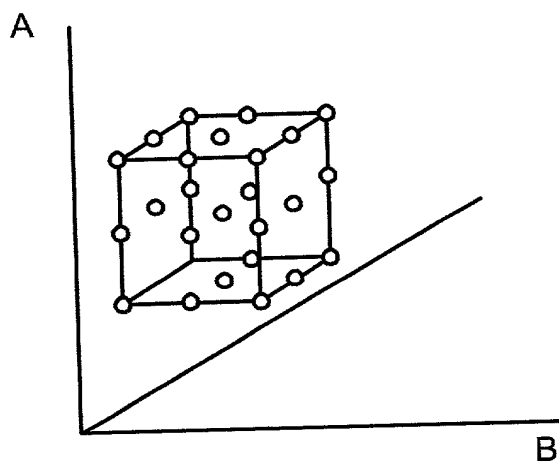


Fig. 12

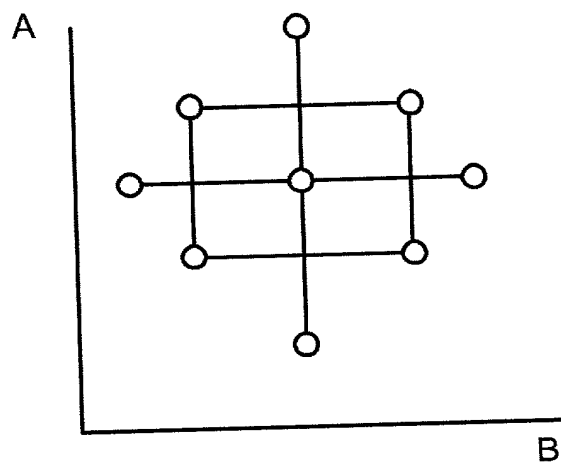


Fig. 13

